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1 [Proceedings of the fifth international conference on Knowledge capture](#)
 Yolanda Gil, Natasha Noy

September 2009 **K-CAP '09: Proceedings of the fifth international conference on Knowledge capture**
Publisher: ACM

 Additional Information: [full citation](#), [abstract](#)
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (All Time): n/a

In today's knowledge-driven world, effective access to and use of information and knowledge-intensive technologies, but also products and services, are essential.

2 [Reconfiguring critical computing in an era of configurability](#)

Ellen Balka, Ina Wagner, Casper Bruun Jensen

August 2005 **CC '05: Proceedings of the 4th decennial conference on Critical Computing**
Publisher: ACM

Full text available: Pdf (212.76 KB)

 Additional Information: [full citation](#), [abstract](#)
Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 53, Downloads (All Time): 104

In this paper, we discuss the challenges of altering computer systems to support reconfigurability for use in complex organizational and technological work environments.

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Keywords: configurability, large scale systems, organizational issues, reconfigurability

3 [On developing a simple in-house digital library archive](#)

Eric L. Brown, Luis G. Velazco, G. Kirksey, S. Ramaswamy, M. Rogers

March 2005 **ACM-SE 43: Proceedings of the 43rd annual Southeastern Conference on Software Engineering**

Publisher: ACM [Request Permissions](#)




Full text available: Pdf (424.88 KB)

 Additional Information: [full citation](#), [abstract](#)
Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 43, Downloads (All Time): 86

Digital libraries (DLs) have become a major focus of information technology research in the Department of Defense to the archeological efforts in Egypt. DLs have the potential to support these efforts.

Keywords: XML, data compression, database management, digital archiving, multimedia streaming

4 [A methodology for guided behavioral-level optimization](#)

-  Lisa Guerra, Miodrag Potkonjak, Jan Rabaey
May 1998 **DAC '98: Proceedings of the 35th annual Design Automation Conference**
Publisher: ACM  [Request Permissions](#)
Full text available:  Pdf (351.04 KB) [Additional Information: full citation, full text](#)
Bibliometrics: Downloads (6 Weeks): 23, Downloads (12 Months): 77, Downloads (All Time): 112




Optimization at the early stages of design are crucial. However, due to the complexity of the problem, design exploration is often conducted in a qualitative, ad-hoc manner. This paper presents a systematic approach to the problem of optimizing the placement of components in a circuit. The approach is based on a combination of heuristic and exact methods. The heuristic part of the approach is based on a simulated annealing algorithm. The exact part of the approach is based on a branch and bound algorithm. The combination of these two methods allows for the optimization of the placement of components in a circuit in a way that is both efficient and effective.

Keywords: congestion, global routing, quadratic placement, relaxed pin assignment



- 5 **Stability of persistence diagrams**
 David Cohen-Steiner, Herbert Edelsbrunner, John Harer
June 2005 **SCG '05: Proceedings of the twenty-first annual symposium on Computational Geometry**
Publisher: ACM  [Request Permissions](#)
Full text available:  Pdf (186.71 KB) [Additional Information: full citation, full text](#)
Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 22, Downloads (All Time): 34

The persistence diagram of a real-valued function on a topological space under mild assumptions on the function, the persistence diagram is stable under small perturbations of the function.

Keywords: combinatorial topology, continuous functions, homology groups

- 6 **Visualization and the process of modeling: a cognitive-theoretic view**
 Andrew W. Crapo, Laurie B. Waisel, William A. Wallace, Thomas R. Williams
August 2000 **KDD '00: Proceedings of the sixth ACM SIGKDD international conference on Knowledge Discovery in Data Mining**
Publisher: ACM  [Request Permissions](#)
Full text available:  Pdf (157.12 KB) [Additional Information: full citation, full text](#)
Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 87, Downloads (All Time): 143

Keywords: cognition, expert modeler, representation, visualization

- 7 **An experimental investigation of turnover intentions among new entrants in the information technology industry**
 Ritu Agarwal, Thomas W. Ferratt, Prabuddha De
February 2007 **SIGMIS Database**, Volume 38 Issue 1
Publisher: ACM
Full text available:  Pdf (342.61 KB) [Additional Information: full citation, full text](#)
Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 143, Downloads (All Time): 212

Although much research has focused on factors driving the turnover behavior of employees in an employment relationship, little is known about their ex ante intentions to leave the organization.

Keywords: experimental approach, it professionals, new entrants, situational factors


- 8 **Diary as dialogue in papermill process control**
 Mike Robinson, Mikko Kovalainen, Esa Auranmäki
January 2000 **Communications of the ACM**, Volume 43 Issue 1

Publisher: ACM  [Request Permissions](#)

Full text available:  [HTML](#) (33.37 KB),  [PDF](#) (456.74 KB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 30, Downloads

9 On improving wikipedia search using article quality

 Meiqun Hu, Ee-Peng Lim, Aixin Sun, Hady Wirawan Lauw, Ba-Quy Vuong
November 2007 **WIDM '07: Proceedings of the 9th annual ACM international**

Publisher: ACM  [Request Permissions](#)

Full text available:  [PDF](#) (270.29 KB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 92, Downloads

Wikipedia is presently the largest free-and-open online encyclopedia collection. Wikipedia offers full-text search to its users, the accuracy of its relevant

Keywords: collaborative authoring, quality-aware search, wikipedia

10 Feature Selection for Unsupervised Learning

Jennifer G. Dy, Carla E. Brodley

December 2004 **The Journal of Machine Learning Research**, Volume 5

Publisher: JMLR.org

Full text available:  [PDF](#) (725.21 KB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 56, Downloads (12 Months): 368, Downloads

In this paper, we identify two issues involved in developing an automatic need for finding the number of clusters in conjunction with feature selection

11 Design and management of data warehouses report on the DMDW'S

 Stella Gatziru, Manfred Jeusfeld, Martin Staudt, Yannis Vassiliou


December 1999 **SIGMOD Record**, Volume 28 Issue 4

Publisher: ACM

Full text available:  [PDF](#) (37.25 KB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 48, Downloads

12 Domain specific language implementation via compile-time meta-programming

 Laurence Tratt

October 2008 **Transactions on Programming Languages and Systems**

Publisher: ACM  [Request Permissions](#)

Full text available:  [PDF](#) (233.80 KB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 24, Downloads (12 Months): 232, Downloads

Domain specific languages (DSLs) are mini-languages that are increasingly used by non-developers alike. DSLs must currently be created in an ad-hoc fashion

Keywords: Syntax extension, compile-time meta-programming, domain-specific languages

13 More Letters

[Linux Journal Staff](#)

March 2000 **Linux Journal**, Volume 2000 Issue 71es


Publisher: Specialized Systems Consultants, Inc.

Full text available:  [HTML](#) (17.11 KB)

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 2, Download


14 [The infocious web search engine: improving web searching through](#)

 Alexandros Ntoulas, Gerald Chao, Junghee Cho

May 2005

WWW '05: Special interest tracks and posters of the 14th i

Publisher: ACM

Full text available:  [PDF](#) (227.88 KB)

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 39, Downloa

In this paper we present the Infocious Web search engine [23]. Our goal is to provide information on the Web by resolving ambiguities present in natural lang


Keywords: concept extraction, crawling, indexing, information retrieval, language processing, part-of-speech tagging, phrase identification, web

15 [6DMPP: small worlds in mobile peer-to-peer networks](#)

 Ke Zuo, Qianqian Wu

November 2009 **ICIS '09:** Proceedings of the 2nd International Conference Human

Publisher: ACM [Request Permissions](#)

Full text available:  [PDF](#) (239.99 KB)

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 28, Downloa

We present 6DMPP, a novel network routing protocol that improve routing by reducing average routing lengths. The key idea is to arrange all nodes as

Keywords: mobile peer-to-peer networks, network routing protocol, sn

16 [Toward intelligent support of authoring machinima media content: st](#)

Mark C. Riedl, Jonathan P. Rowe, David K. Elson

January 2008 **INTETAIN '08:** Proceedings of the 2nd international confer enterTAINment

Publisher: ICST (Institute for Computer Sciences, Social-Informatics and Telecomm

Full text available:  [PDF](#) (707.73 KB)

Additional Information: [full citation](#)


Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 63, Downlo

The Internet and the availability of authoring tools have enabled a great number of nonexperts. However, while media authoring tools often make it technic artifacts, ...


Keywords: camera control, intelligent authoring support, machinima, r

17 [Visual algorithms for post production](#)


 Simon Robinson, Anil Kokaram, Mike Seymour

August 2009 **SIGGRAPH '09**: SIGGRAPH 2009 Courses**Publisher:** ACMFull text available:  Pdf (1.33 MB)Additional Information: [full citation](#)**Bibliometrics:** Downloads (6 Weeks): 64, Downloads (12 Months): 170, Downl

The work of the visual algorithms community (for example the work of : world film post production. But often academics in the relevant fields ha

18 STEP: Self-Tuning Energy-safe Predictors
 James Larkby-Lahet, Ganesh Santhanakrishnan, Ahmed Amer, Panos K. O May 2005 **MDM '05**: Proceedings of the 6th international conference c
Publisher: ACM  [Request Permissions](#)Full text available:  Pdf (268.35 KB)Additional Information: [full citation](#)**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 23, Downloa

Data access prediction has been proposed as a mechanism to overcome energy in mobile systems. We present a fully adaptive predictor, that ca simultaneously ...

Keywords: adaptive caching, mobile computing, power management, p**19 Superiority and complexity of the spaced seeds**
 Ming Li, Bin Ma, Louxin Zhang
January 2006 **SODA '06**: Proceedings of the seventeenth annual ACM-SIA**Publisher:** ACM  [Request Permissions](#)Full text available:  Pdf (236.99 KB)Additional Information: [full citation](#)**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 30, Downloa

Optimal spaced seeds were introduced by the theoretical computer sciei homology search sensitivity. They are now serving thousands of homolc

20 A tribute, not a memorial: understanding ambiguous loss
 Pauline Boss

June 2008

SIGMOD Record, Volume 37 Issue 2**Publisher:** ACMFull text available:  Mp3 (39.32 MB),  Pdf (116.60 KB),  Rm (164.24 MB) Addition**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 35, Downloa

In this paper, I discuss ambiguous loss, why it is so traumatizing, what a trace, and why a tribute is more appropriate than a memorial. The pa

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